Special Issue

Marine Exopolysaccharides: Health Potential and Other Industrial Applications

Message from the Guest Editor

Oceans are one of the largest reserves of organisms on our planet, living in a wide range of habitats and environmental conditions, mostly still underexplored. The diverse ecosystems have driven a variety of biological adaptations, leading to great potential for the discovery of new products which are useful for any biotechnological application. Marine microorganisms are one of the most underutilized biological resources. They represent a huge diversity and are advantageous compared to other raw materials as they can be easily handled and cultivated under a controlled environment and scaled up to volumes. The route toward the development of marine exopolysaccharides includes the improvement of cultivation methods to increase production yields, the characterization of molecules, and the search for biological activities, including comprehension of the action mechanism.

The aim of this Special Issue is to provide recent research in the field of marine exopolysaccharides, highlighting the identification of new producers, production and/or extraction methods to recover them, characterization, and potential application in the pharmaceutical, cosmetic, and any other industrial sector.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

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